AMENDMENT

In the Claims:

Please amend Claims 1 and 6 without prejudice.

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1. **(currently amended)** A broadcast system, said broadcast system comprising:

a server-end means for scheduling, gathering and transmitting <u>in a broadcast</u> an entire full-digital database content of at least one type of digital information service, said server-end means having means for encoding said full-digital data content for being broadcasted; and

5   a client-end means for <u>selectively</u> decoding, <u>continuously</u> receiving<u>, and storing in a client local storage unit said broadcast</u> including said entire full-digital database content and providing the full informational content of said at least one type of digital information services<u>, independent of operation of a program guide, in response to said client-end election to receive the broadcasted full-digital database content</u>. ~~storing in a client local storage unit , wherein said~~
10   ~~client-end means selects which full-digital database content to receive, wherein said full-digital database content is continuously received by a broadcast receiver and is stored in a client local storage unit, and wherein said full-digital database content includes redundant packets that repair data losses due to transmission errors.~~

2. **(original)** A broadcast system as described in claim 1, wherein:

said server-end means further comprises communication means for facilitating transmission of said entire digital database content via IP-Multicast, RS422, RS232, and TCP/IP type of communications links for further broadcasting via conduits selected from a
5   group of conduits consisting of television VBI, radio subcarrier, Digital Satellite System (DSS), Digital Video Broadcasting (DVB), MPEG-2, paging networks, telephone networks, local area networks, and the Internet.

3. **(original)** A broadcast system as described in claim 1, wherein:

said means for encoding comprises a packet construction means for breaking up an original digital file into smaller digital file pieces and transmits said smaller digital file pieces as a stream of packets; and

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wherein said client-end means comprises broadcast data receiving means for re-assembling said stream of packets into said original file.

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4. **(original)** A broadcast system as described in claim 1, wherein:

said server-end means further comprises means for retrieving and storing an entire digital informational content of a selected electronic network site.

5. **(original)** A broadcast system as described in claim 1, wherein:

said server-end means further comprises a means for providing a program guide of services for use by a user, said program guide facilitating means for selecting which services to receive, means for viewing the schedule of incoming services, and means for reviewing a
5   catalog of what services have been received, said program guide means further providing a rotating information banner.

6. **(currently amended)** A contents-based digital data broadcast system, said system comprising:

a first server-end application program means for retrieving a first type of digital information, and storing an entire contents of said digital information locally;
5   a first server-end application module means for encoding, transmitting in a broadcast scheduled services including said entire contents of said digital information, said first application module comprising means for supporting IP-Multicast, RS422, RS232, and TCP/IP communications and means for broadcasting said encoded entire contents of said digital information via conduits consisting of television, VBI, radio subcarrier, Digital Satellite
10   System (DSS), Digital Video Broadcasting (DVB), MPEG-2, paging networks, telephone networks, local area networks, and the Internet;

a second server-end application module means for scheduling tasks for external modules; facilitating centralized organization of tasks and services provided to a client;

a second server-end application program means for issuing and responding to remote
15   commands and reporting on a status of a task to remote modules;

a first client-end application program selecting said first type of digital information to transmit;

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said first client-end application program means for decoding and receiving continuously by a broadcast receiver the full content of said broadcasted encoded digital information <u>of said broadcast</u>, and said first client storing locally said first type of digital information on a first client storage device; and

a second client end application program guide means for facilitating selection of which service to receive, viewing a schedule of incoming services, and review of a catalog of what services have been received, said program guide means further providing a rotating information banner,

wherein said broadcast receiver continuously receives the full content of said broadcast encoded digital information independent of said second client end application program guide operation.

7. **(previously amended)** A method for providing digital information with existing audio/video broadcasts, said method comprising:

an end-user selecting at least one end-user selected computer file,

breaking down the computer file into at least one packet of digital information;

broadcasting the packet;

receiving the packet at said <u>an</u> end-user; and

reassembling the packet into the computer files that are stored locally.

8. **(original)** A method for wirelessly transmitting digital information, as described in claim 7, wherein said breaking down the computer file into at least one packet of digital information comprises:

(a) allocating memory in a data storage unit member;

(b) reading data contents of the computer file into the memory;

(c) compressing the read file data;

(d) encrypting the compressed data;

(e) framing the encrypted data; and

(f) adding a trailer to the framed data to signal an end of packet (EOP) indication.

9. **(original)** A method for wirelessly transmitting digital information, as described in claim 8, wherein breaking down the computer file into at least one packet further comprises the steps of:

(g) wrapping said packet with a wrapping selected from a group consisting of: a Wrap to NABTS (creates the forward error correction (FEC) bundles, fec rows and header), a Wrap to Null (no wrapper), and a Wrap to JPT (JetStream Packet Transport which are portions of a complete jetstream packet, and adds headers);

(h) destroying the packet after being wirelessly transmitted, thereby freeing-up memory in the storage unit member.

10. **(previously added)** The method of Claim 7 further comprising scheduling the service, wherein the service is scheduled by the end-user.

11. **(previously added)** The method of Claim 7 wherein broadcasting the packet comprises broadcasting the packets over a broadband broadcast medium.

12. **(previously added)** The method of Claim 7 wherein broadcasting the packet comprises broadcasting the packets over at least one of a group consisting of television, VBI, radio subcarrier, Digital Satellite System (DSS), Digital Video Broadcasting (DVB), MPEG-2, paging networks, telephone networks, local area networks, and the Internet.

13. **(previously added)** The method of Claim 7 wherein said selecting computer file comprises selecting a digital information service, wherein the service comprises a logical grouping of files.

14. **(previously amended)** The method of Claim 7 wherein said selecting the computer file comprises selecting at least one of a set consisting of a standard file (unrelated grouping of files), files that make up a World Wide Web (WWW) site, program guide services, and rotational file services (unspecific related groupings of files).

15. (**previously added**) The method of Claim 7 further comprising displaying a program guide to the end-user.

16. (**previously added**) The method of Claim 15 wherein displaying a program guide comprises displaying a program guide including services available.

17. (**previously added**) The method of Claim 15 wherein displaying a program guide comprises displaying a program guide including broadcast schedules.

18. (**previously added**) The method of Claim 7 further comprising providing a Graphic User Interface (GUI).

19. (**previously added**) The method of Claim 18 wherein providing a GUI further comprising providing a GUI adapted to manage service subscription.

20. (**previously added**) The method of Claim 7 wherein breaking down the computer file into at least one packet comprises breaking down the computer file into at least one packet comprising 127 bytes.